

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020822\
 Data File : PL072511.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Feb 2022 09:11
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/09/2022
 Supervised By : Ankita Jodhani 02/09/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 13:23:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 05:14:10 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.558	5.493	10408459	37416160	21.616	21.661
28)	SA Decachlor...	10.319	11.387	17043870	35902645	22.513	22.640
Target Compounds							
2)	A alpha-BHC	5.264	6.074	6526696	24165220	9.899	10.091
3)	MA gamma-BHC...	5.687	6.470	6197504	24662631	9.861	10.711
6)	B beta-BHC	6.070	6.731	3463606	12398215	13.978m	12.162
12)	B 4,4'-DDE	7.556	8.494	113964	437393	0.188m	0.234m
14)	MA Endrin	7.975	8.888	32434953	91575913	55.368	58.120
16)	A 4,4'-DDD	8.143	9.035	294294	944490	0.612	0.683m
17)	MA 4,4'-DDT	8.403	9.352	64461775	183.0E6	119.799	119.529
18)	B Endrin al...	8.478	9.259	375829	517653	0.862m	0.460m#
20)	A Methoxychlor	8.999	9.840	90844358	230.0E6	258.357	284.035
21)	B Endrin ke...	9.222	9.992	689267	1255447	1.003m	0.788m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Acq On : 08 Feb 2022 09:11
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

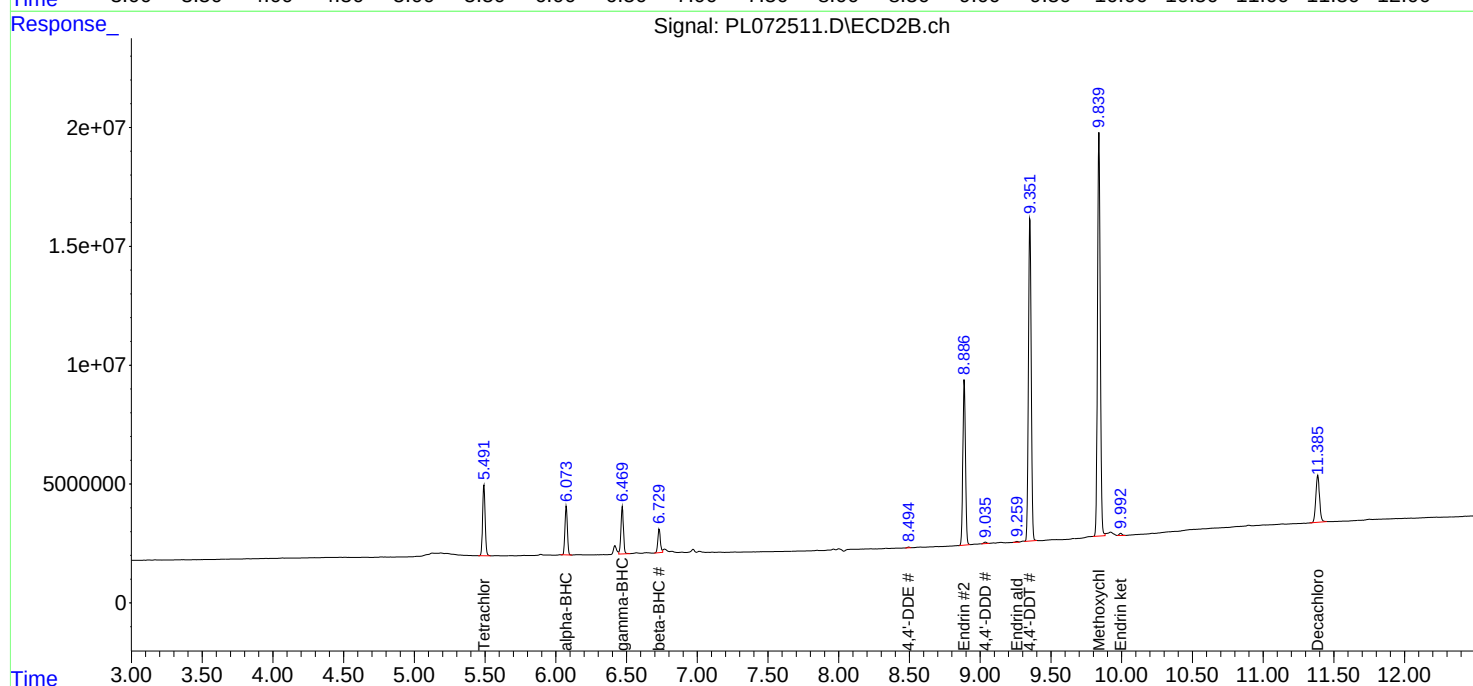
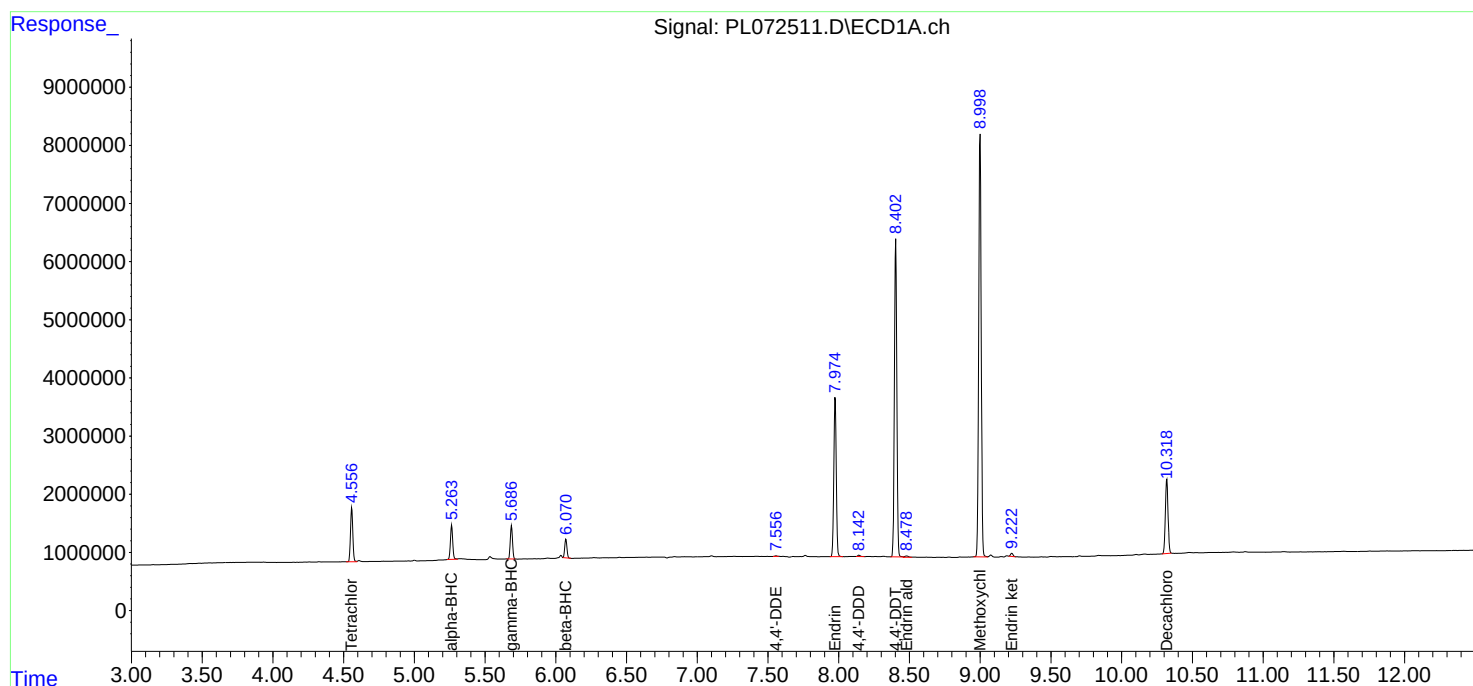
Instrument :
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PEM

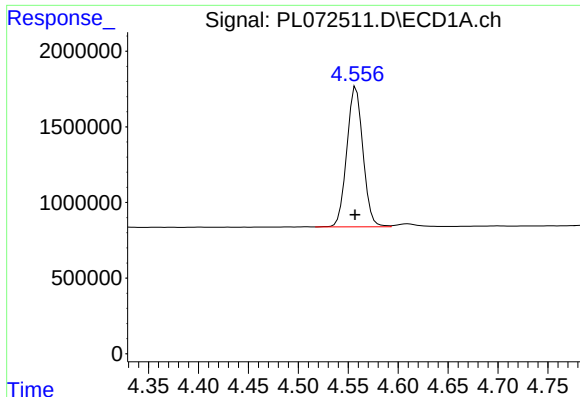
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
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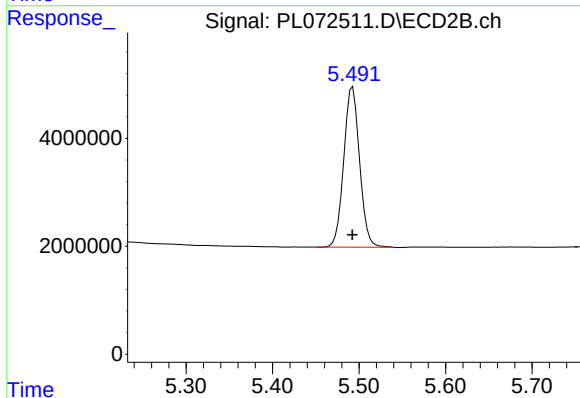
#1 Tetrachloro-m-xylene

R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 10408459
Conc: 21.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

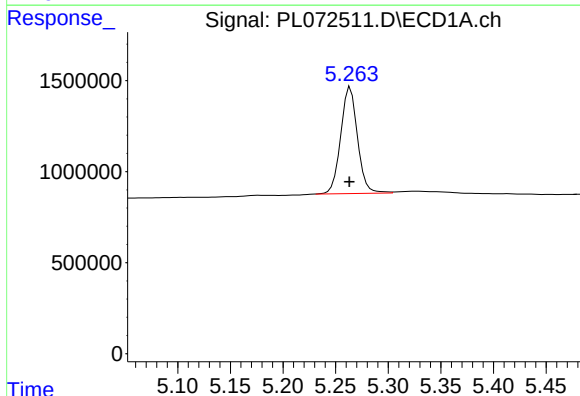
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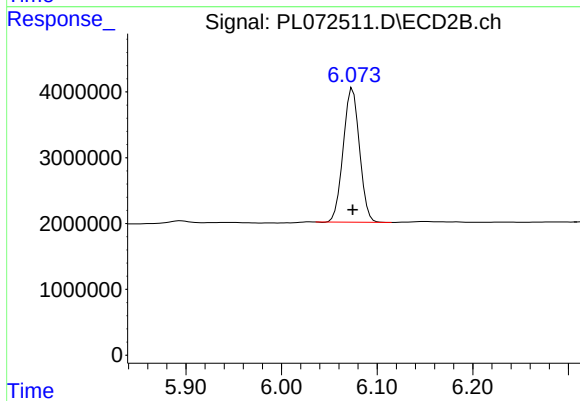
#1 Tetrachloro-m-xylene

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 37416160
Conc: 21.66 ng/ml



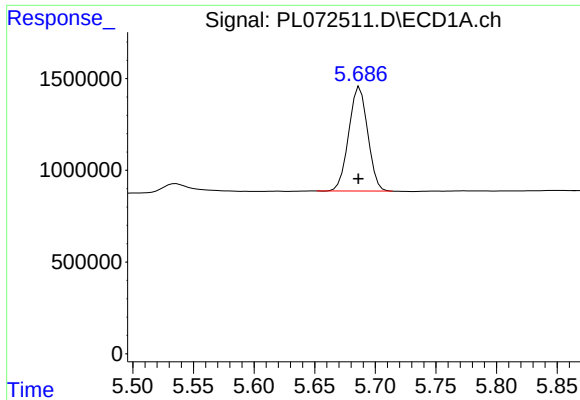
#2 alpha-BHC

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 6526696
Conc: 9.90 ng/ml



#2 alpha-BHC

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 24165220
Conc: 10.09 ng/ml



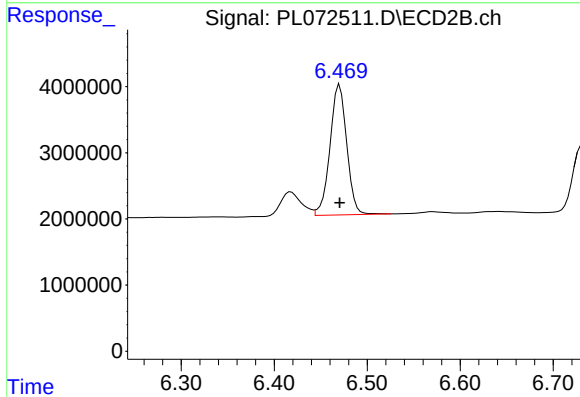
#3 gamma-BHC (Lindane)

R.T.: 5.687 min
Delta R.T.: 0.001 min
Response: 6197504
Conc: 9.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

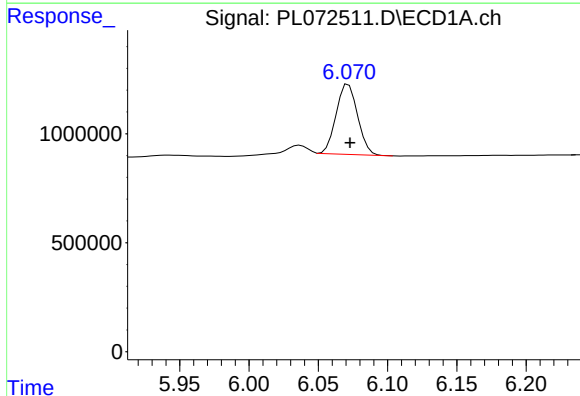
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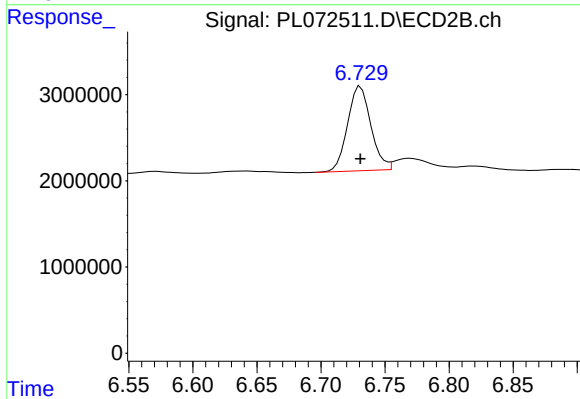
#3 gamma-BHC (Lindane)

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 24662631
Conc: 10.71 ng/ml



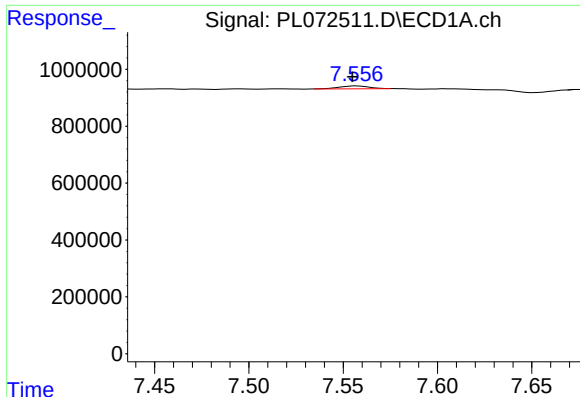
#6 beta-BHC

R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 3463606
Conc: 13.98 ng/ml m



#6 beta-BHC

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 12398215
Conc: 12.16 ng/ml



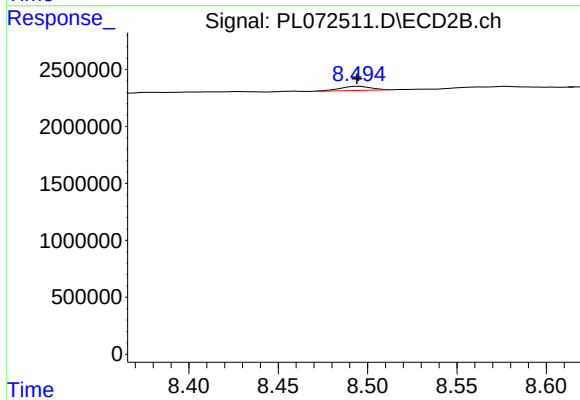
#12 4,4'-DDE

R.T.: 7.556 min
Delta R.T.: 0.000 min
Response: 113964
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

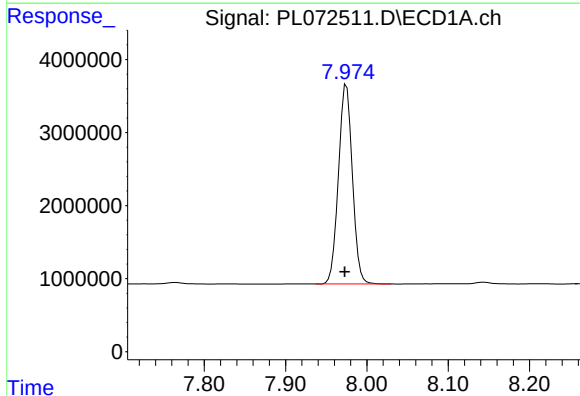
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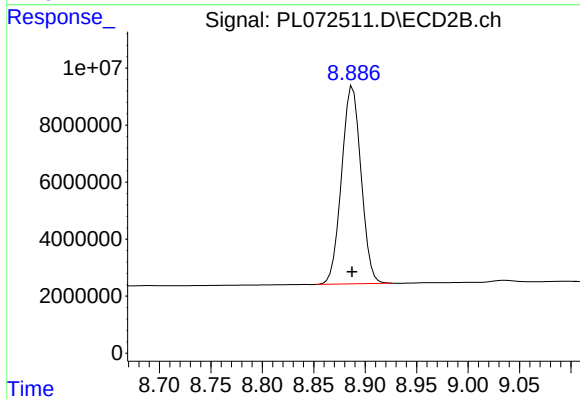
#12 4,4'-DDE

R.T.: 8.494 min
Delta R.T.: 0.000 min
Response: 437393
Conc: 0.23 ng/ml m



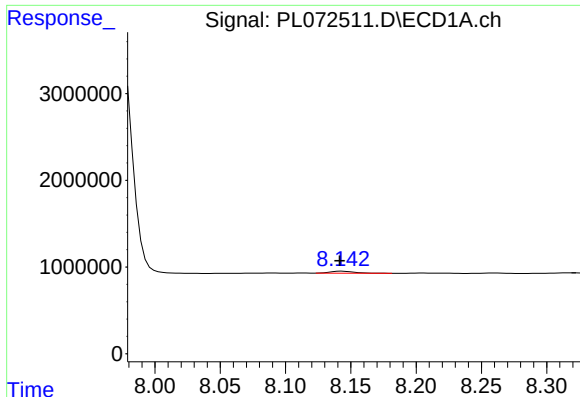
#14 Endrin

R.T.: 7.975 min
Delta R.T.: 0.002 min
Response: 32434953
Conc: 55.37 ng/ml



#14 Endrin

R.T.: 8.888 min
Delta R.T.: 0.000 min
Response: 91575913
Conc: 58.12 ng/ml



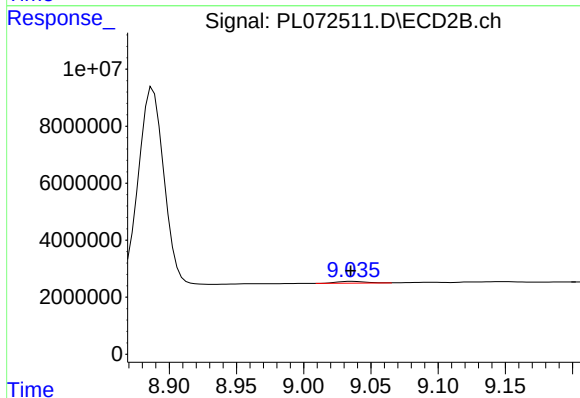
#16 4,4'-DDD

R.T.: 8.143 min
Delta R.T.: 0.002 min
Response: 294294
Conc: 0.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

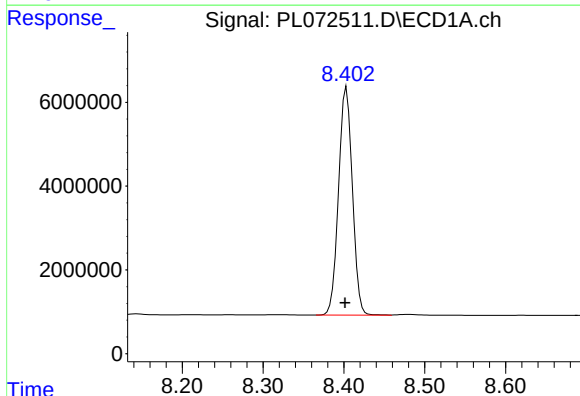
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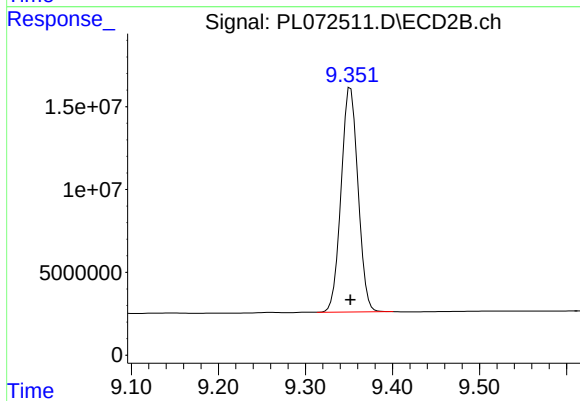
#16 4,4'-DDD

R.T.: 9.035 min
Delta R.T.: 0.000 min
Response: 944490
Conc: 0.68 ng/ml m



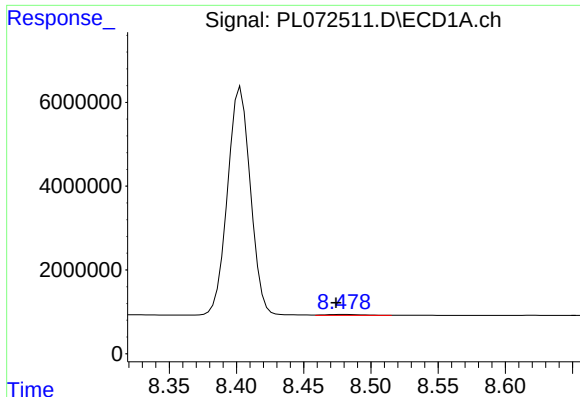
#17 4,4'-DDT

R.T.: 8.403 min
Delta R.T.: 0.002 min
Response: 64461775
Conc: 119.80 ng/ml



#17 4,4'-DDT

R.T.: 9.352 min
Delta R.T.: 0.000 min
Response: 182981684
Conc: 119.53 ng/ml



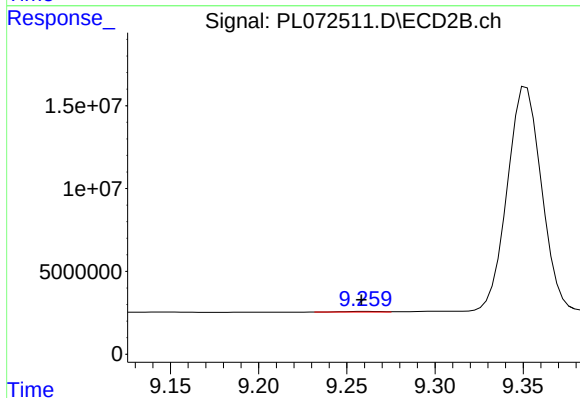
#18 Endrin aldehyde

R.T.: 8.478 min
Delta R.T.: 0.004 min
Response: 375829
Conc: 0.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

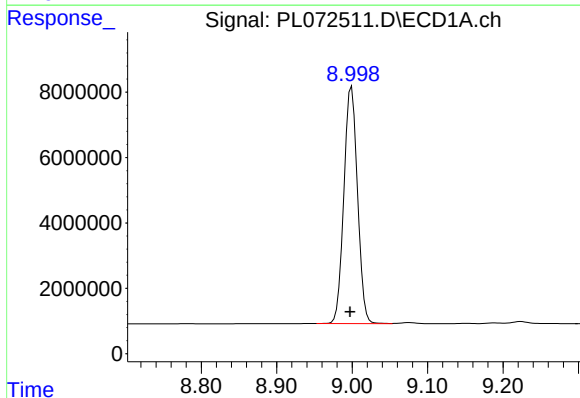
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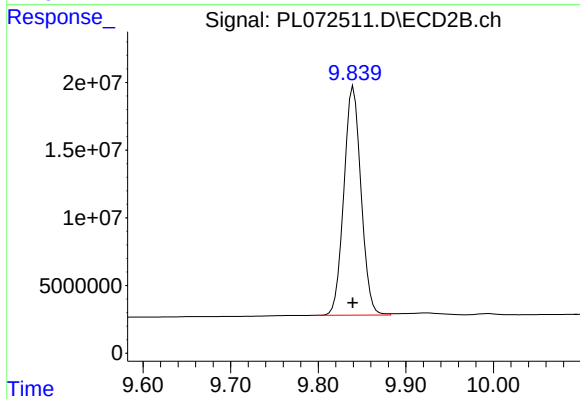
#18 Endrin aldehyde

R.T.: 9.259 min
Delta R.T.: 0.000 min
Response: 517653
Conc: 0.46 ng/ml m



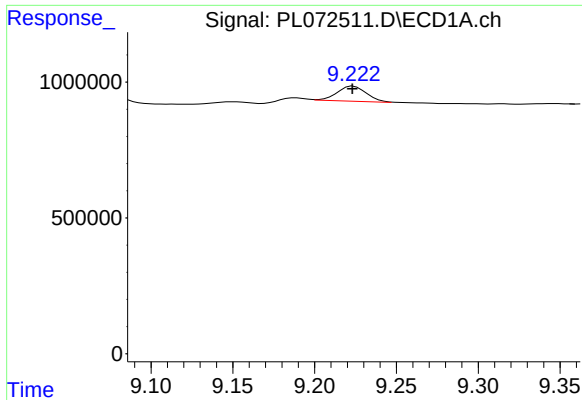
#20 Methoxychlor

R.T.: 8.999 min
Delta R.T.: 0.002 min
Response: 90844358
Conc: 258.36 ng/ml



#20 Methoxychlor

R.T.: 9.840 min
Delta R.T.: 0.000 min
Response: 229970343
Conc: 284.04 ng/ml



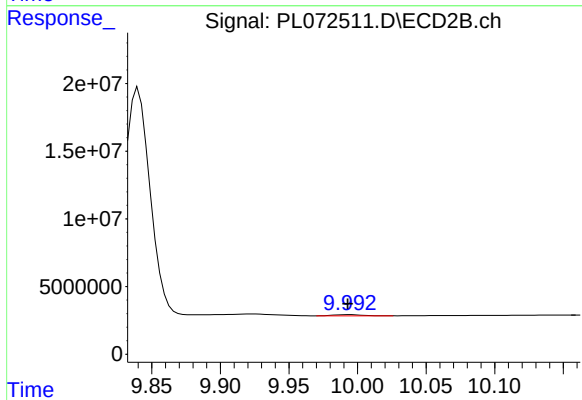
#21 Endrin ketone

R.T.: 9.222 min
Delta R.T.: 0.000 min
Response: 689267
Conc: 1.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

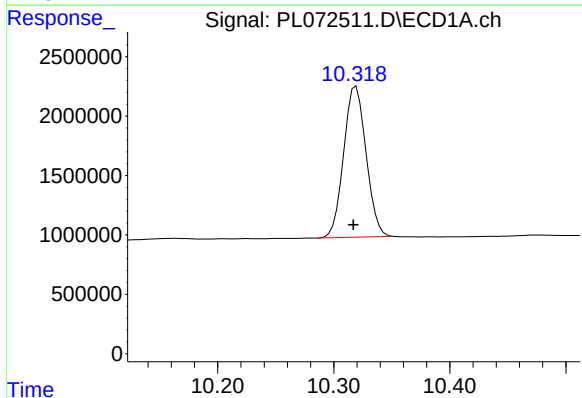
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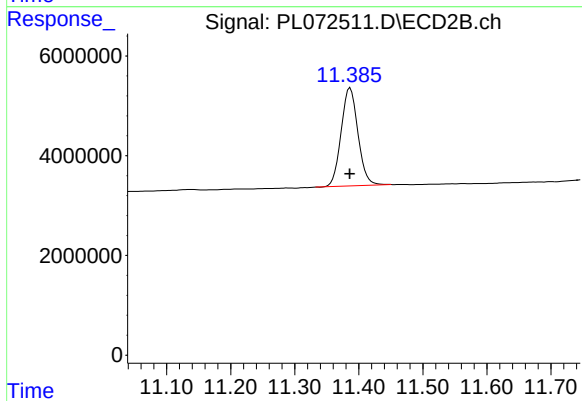
#21 Endrin ketone

R.T.: 9.992 min
Delta R.T.: 0.000 min
Response: 1255447
Conc: 0.79 ng/ml m



#28 Decachlorobiphenyl

R.T.: 10.319 min
Delta R.T.: 0.002 min
Response: 17043870
Conc: 22.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.387 min
Delta R.T.: 0.000 min
Response: 35902645
Conc: 22.64 ng/ml